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TO: Attn: Amendments

FAX NO.: (571) 273-8300

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FROM: Ognyan I. Beremski

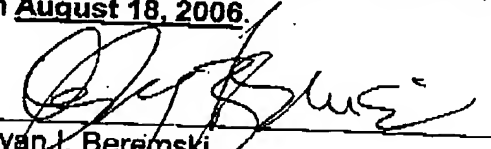
USER ID: 8176

CLIENT: 01772

MATTER: 15562US02

Number of Pages This Transmission (Including Cover Page): 26

I hereby certify that the attached Amendment in Response to Office Action dated May 18, 2006 and Transmittal Form for Serial No. 10/800,454 are being facsimile transmitted to the United States Patent and Trademark Office on August 18, 2006.


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PTO/SB/21 (09-04)

Approved for use through 7/31/2006

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

25

Application Number

10/800,454

Filing Date

March 15, 2004

First Named Inventor

Jim Sweet

Art Unit

2111

Examiner Name

Matthew D. Spittle

Attorney Docket Number

15562US02

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☒ Amendment/Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Reply to Missing Parts/Incomplete Application

☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

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☐ After Allowance Communication to TC

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☐ Return-Receipt Postcard

☐ Other Enclosure(s) (please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

McAndrews, Held & Malloy, Ltd.

Signature

Printed Name

Ognyan I. Beremski

Date

August 18, 2006

CERTIFICATE OF FAX TRANSMITTAL

I hereby certify that this correspondence is being sent via facsimile to Commissioner for Patents, Attn: Amendments, at the United States Patent and Trademark Office on August 18, 2006.

Name (Print/type)

Ognyan I. Beremski

Registration No. (Attorney/Agent)

51,458

Signature

Date

August 18, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 15562US02)

In the Application of:

JIM SWEET

Serial No. 10/800,454

Filed: March 15, 2004

Examiner: Matthew D. Spittle

Group Art: 2111

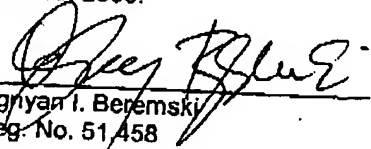
For: METHOD FOR MONITORING A
SET OF SEMAPHORE REGISTERS USING
A LIMITED-WIDTH TEST BUS

Confirmation No. 1218

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is
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Amendments, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450,
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By:


Ogriyan I. Beremski
Reg. No. 51,458

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Amendment timely responds to the Office Action mailed May 18, 2006.
Please consider the remarks herein that are believed to place the application in condition
for allowance.

Amendments to the Claims are reflected in a listing that begins on page 2 of
this paper.

Remarks begin on page 10 of this paper.